

# TABLE OF CONTENTS

|  | PAGE    |
|--|---------|
| <i>Selaginella rupestris</i> and Its Allies ..... Rolla M. Tryon   | 1- 99   |
| A New <i>Pellaea</i> from South Africa ..... Alice F. Tryon  | 101-102 |
| Studies on Asiatic Relatives of Maize..... Nalini Nirodi   | 103-130 |
| Lichenological Notes on the Flora of the Antarctic Continent and<br>the Subantarctic Islands. I-IV.....  |         |
| .....Carroll W. Dodge and Emanuel D. Rudolph   | 131-149 |
| Three New Annonaceae from Panama..... Robert E. Fries  | 151-152 |
| The Botanical Catalogues of Auguste de St. Hilaire..... John D. Dwyer  | 153-170 |
| Comparison of Juniper Populations on an Ozark Glade and Old<br>Fields ..... Marion Trufant Hall  | 171-194 |
| Tassel Modifications in <i>Zea Mays</i> .....  |         |
| .....Norton H. Nickerson and Ernest E. Dale  | 195-212 |
| A New Species of <i>Doryopteris</i> from Surinam .....   |         |
| .....Karl U. Kramer and Rolla M. Tryon, Jr.  | 213-214 |
| •  |         |
| A Revision of the Genus <i>Celastrus</i> ..... Ding Hou  | 215-302 |
| The Food of a Hindu Village of North India (Reprinted from Bulletin<br>No. 2, Bureau Statistics and Economic Research, United Provinces,<br>Allahabad, 1937).....Charlotte Viall Wiser, Ph.B., M.Sc. | 303-412 |
| General Index to Volume XLII .....   | 413-418 |

## MISSOURI BOTANICAL GARDEN

### STAFF

#### *Emeritus Director*

GEORGE T. MOORE

#### *Director*

EDGAR ANDERSON

#### *Assistant Director*

HUGH C. CUTLER

CARROLL W. DODGE,  
Mycologist

ROBERT E. WOODSON, JR.,  
Senior Taxonomist

HENRY N. ANDREWS,  
Paleobotanist

ROLLA M. TRYON,  
Assistant Curator of the  
Herbarium

HUGH C. CUTLER,  
Curator Museum of  
Economic Plants

GEORGE B. VAN SCHAAK,  
Acting Curator of Herbarium

JULIAN A. STEYERMARK,  
Honorary Research Associate

FREDERICK G. MEYER,  
Dendrologist

ALICE F. TRYON,  
Research Associate

JOHN D. DWYER,  
Research Associate

NELL C. HORNER,  
Librarian and Editor  
of Publications

### BOARD OF TRUSTEES

#### *President*

JOHN S. LEHMANN

#### *Vice-President*

DANIEL K. CATLIN

#### *Second Vice-President*

EUGENE PETTUS

LEICESTER B. FAUST

DUDLEY FRENCH

HENRY HITCHCOCK

RICHARD J. LOCKWOOD

HENRY B. PFLAGER

A. WESSEL SHAPLEIGH

ROBERT BROOKINGS SMITH

#### *EX-OFFICIO MEMBERS*

ARTHUR C. LICHTENBERGER,  
Bishop of the Diocese of  
Missouri

JAMES F. MORRELL,  
President of the Board of  
Education of St. Louis

STRATFORD LEE MORTON,  
President of the Academy of  
Science of St. Louis

ETHAN A. H. SHEPLEY,  
Chancellor of Washington  
University

RAYMOND R. TUCKER,  
Mayor of the City of St. Louis

HUGH C. CUTLER, *Secretary*